

Vol.14, No.2, 2015

ISSN 1648-3898

Journal of Baltic Science Education



JOURNAL
OF • BALTIC
SCIENCE
EDUCATION

The International Journal of the Scientific Methodical Center "Scientia Educologica"

Editorial Board

Editor-in-Chief

Prof., Dr. Vincentas Lamanauskas Siauliai University, Lithuania

Deputy Editor-in-Chief

Prof., Dr. Andris Broks University of Latvia, Latvia

Deputy Editor-in-Chief

Prof., Dr. Miia Rannikmäe University of Tartu, Estonia

Executive Secretary

Dr. Laima Railienė Scientific Methodical Center "Scientia Educologica", Lithuania

Editors:

Prof., Dr. Boris Aberšek	University of Maribor, Slovenia
Prof., Dr. Agnaldo Arroio	University of Sao Paulo, Brazil
Prof., Dr. Martin Bilek	University of Hradec Králové, Czech Republic
Dr. Paolo Bussotti	Commission for the Publication of the National Edition of Federigo Enriques's Works, Italy
Dr. Bulent Cavas	Dokuz Eylul University, Turkey
Prof., Dr. Hana Čtrnáctová	Charles University, Czech Republic
Dr. Peter Demkanin	Comenius University, Slovakia
Dr. André du Plessis	Nelson Mandela Metropolitan University, South Africa
Prof., Dr. Jānis Gedrovics	Riga Teacher Training and Educational Management Academy, Latvia
Prof., Dr. Peter Heering	University of Flensburg, Germany
Prof., Dr. Jack Holbrook	University of Tartu, Estonia
Prof., Dr. Ryszard M. Janiuk	Maria Curie Skłodowska University, Poland
Dr. Milan Kubiak	Masaryk University, Czech Republic
Dr. Todor Lakhvich	Belarusian State Pedagogical University named after Maxim Tank, Republic of Belarus
Prof., Dr. Jari Lavonen	University of Helsinki, Finland
Dr. Rita Makarskaitė-Petkevičienė	Lithuanian University of Educational Sciences, Lithuania
Prof., Dr. Aadu Ott	Göteborg University, Sweden
Dr. Paul Pace	Malta University, Malta
Prof., Dr. Valfrids Paškevičs	Daugavpils University, Latvia
Prof., Dr. Jongwon Park	Chonnam National University, Korea
Dr. Raffaele Pisano	European Society for the History of Science, Italy
Dr. Pavol Prokop	Institute of Zoology, Bratislava, Slovakia
Dr. Alona Rauckienė	Klaipėda University, Lithuania
Prof., Dr. Heimo Saarikko	Helsinki University, Finland
Dr. Uladzimir K. Slabin	University of Oregon, USA
Prof., Dr. Valery P. Solomin	Herzen State Pedagogical University of Russia, Russia
Prof., Dr. Borislav V. Toshev	Sofia University, Bulgaria
Dr. Georgios Tsapralis	University of Ioannina, Greece
Dr. Muhammet Usak	Gazi University, Turkey

A scientific journal JBSE issued by the SMC *Scientia Educologica* in cooperation with *Scientia Socialis*, Lithuania, emphasizes theoretical, experimental and methodical studies in the field of science education. JBSE is an international academic journal. In order to maintain the high standards appropriate to such a journal, all contributions received are submitted for anonymous review by two experts, additionally to review by the Editor. The decision of the Editor on the acceptance of articles is final and no correspondence can be entered into on reasons for rejection of a submitted contribution.

Published since 2002

The journal is published bimonthly.
IF-0.226 (2010), 0.425 (2011), 0.444 (2012), 0.481 (2013)

Address:

Scientific Methodical Center "Scientia Educologica"
Donelaičio Street 29, LT-78115 Siauliai, Lithuania
E-mail: mail.jbse@gmail.com
Phone: +370 687 95668
Home page: <http://www.scientiasocialis.lt/jbse/>

ISSN 1648-3898

© Scientific Methodical Center „Scientia Educologica“, Lithuania,
The Associated Member of Lithuanian Scientific Society,
European Society for the History of Science (ESHS) and ICASE

The articles appearing in this journal are indexed/abstracted in British Education Index (<http://www.leeds.ac.uk/bei/bei.htm>), Copernicus Index (<http://journals.indexcopernicus.com>), The Asian Education Index (http://www.asian-education-index.com/sciences_index.php), EBSCO: Academic Search Premier (<http://search.ebscohost.com>), Social Scisearch (Thomson Reuters) (<http://science.thomsonreuters.com/index.html>), Journal Citation Reports / Social Sciences Edition (Thomson Reuters) (http://thomsonreuters.com/products_services/scientific/Journal_Citation_Reports), and SCOPUS (<http://www.scopus.com>)